

IN THE CLAIMS:

The following is a complete listing of claims in this application.

1. (currently amended) A photo-sensor for detecting signal rays comprising:

a substrate;

a light-sensitive element mounted on the substrate;

an encapsulation resin encapsulating the light-sensitive element; and

a filter layer mounted on at least a surface of the encapsulation resin;

~~characterized in that~~

~~the filter layer has a filtering effect corresponding to spectral responsivity of the light-sensitive element~~

the filter layer being directly mounted on a surface of the encapsulation resin, and

the substrate, encapsulation resin and filter layer forming a parallelepiped, each outside surface of the parallelepiped being an continuous, smooth surface.

2. (original) The photo-sensor according to claim 1 wherein the filter layer comprises a metal multilayer filter.

3. (original) The photo-sensor according to claim 1 wherein the filter layer comprises a dielectric multilayer filter.

4. (currently amended) A method for manufacturing a plurality of photo-sensors comprising the steps of:

preparing a substrate aggregation having a plurality of divisions;

mounting a light-sensitive element on the substrate aggregation at each division;

encapsulating the light-sensitive elements by encapsulating resin to form a resin layer;

forming a filter layer on the resin layer to form a ~~light-sensitive element~~ photo-sensor aggregation; and

dicing the aggregation at boundaries between divisions, thereby producing a plurality of independent ~~light-sensitive elements~~ photo-sensors.